

Ref.

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

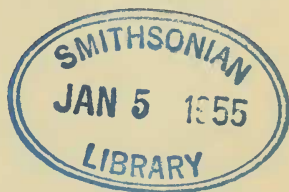
FRANCIS HEMMING, C.M.G., C.B.E.,

Secretary to the Commission

VOLUME 2. Part 55. Pp. 665—684

DIRECTION 6

Addition to the *Official List of Family-Group Names in
Zoology* of the names MEROPIDAE (Class Aves) and
MEROPEIDAE and TINGIDAE (Class Insecta)



LONDON :

Printed by Order of the International Trust for
Zoological Nomenclature
and

Sold on behalf of the International Commission on Zoological
Nomenclature by the International Trust at its Publications Office
41, Queen's Gate, London, S.W.7
1954

Price Ten Shillings

(All rights reserved)

INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 6

A. The Officers of the Commission

Honorary Life President : Dr. Karl Jordan (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*)

President : Professor James Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953)

Vice-President : Senhor Dr. Afranio do Amaral (*Sao Paulo, Brazil*) (12th August 1953)

Secretary : Mr. Francis Hemming (*London, England*) (27th July 1948)

B. The Members of the Commission

(*Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology*)

Professor H. Boschma (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

Senor Dr. Angel Cabrera (*Eva Peron, F.C.N.G.R., Argentina*) (27th July 1948)

Mr. Francis Hemming (*London, England*) (27th July 1948) (*Secretary*)

Dr. Joseph Pearson (*Tasmanian Museum, Hobart, Tasmania, Australia*) (27th July 1948)

Dr. Henning Lemche (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th July 1948)

Professor Teiso Esaki (*Kyushu University, Fukuoka, Japan*) (17th April 1950)

Professor Pierre Bonnet (*Université de Toulouse, France*) (9th June 1950)

Mr. Norman Denbigh Riley (*British Museum (Natural History) London*) (9th June 1950)

Professor Tadeusz Jaczewski (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) (15th June 1950)

Professor Robert Mertens (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a.M., Germany*) (5th July 1950)

Professor Erich Martin Hering (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)

Senhor Dr. Afranio do Amaral (*S. Paulo, Brazil*) (12th August 1953) (*Vice-President*)

Professor J. R. Dymond (*University of Toronto, Toronto, Canada*) (12th August 1953)

Professor J. Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953) (*President*)

Professor Harold E. Vokes (*Johns Hopkins University, Baltimore, Maryland, U.S.A.*) (12th August 1953)

Professor Béla Hankó (*Mezőgazdasági Muzeum, Budapest, Hungary*) (12th August 1953)

Dr. Norman R. Stoll (*Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.*) (12th August 1953)

Mr. P. C. Sylvester-Bradley (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)

DIRECTION 6

ADDITION TO THE "OFFICIAL LIST OF FAMILY-GROUP NAMES IN ZOOLOGY" OF THE NAMES MEROPIDAE (CLASS AVES) AND MEROPEIDAE AND TINGIDAE (CLASS INSECTA)

RULING :—(1) The under-mentioned family-group names dealt with in the *Opinions* severally specified below, are hereby placed on the *Official List of Family-Group Names in Zoology* as Name Nos. 1 to 3 respectively :—

- (a) MEROPIDAE Lesson, [1830] (type genus : *Merops* Linnaeus, 1758) (form for this family-name designated by the Ruling given in *Opinion* 140) (Class Aves) ;
- (b) MEROPEIDAE (emend. of MEROPIDAE) Tillyard, 1919 (type genus : *Merope* Newman, 1838) (form for this family-name designated by the Ruling given in *Opinion* 140) (Class Insecta, Order Mecoptera) ;
- (c) TINGIDAE (emend. of TINGINI) Costa (A.), 1838 (type genus : *Tingis* Fabricius, 1803) (form for this family-name designated by the Ruling given in *Opinion* 143) (Class Insecta, Order Hemiptera) ;

(2) The under-mentioned family-group names dealt with in the *Opinions* severally specified below are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Nos. there specified :—

- (a) MEROPIDAE Tillyard, 1919 (an Invalid Original Spelling for MEROPEIDAE (*Opinion* 140)) (Name No. 1) ;
- (b) the under-mentioned family-group names for the family-group having *Tingis* Fabricius, 1803, as its type genus, being invalid names by reason of consisting of vernacular (French) words and

not Latinised words (*Opinion* 143) (Name Nos. 2 to 4 respectively) :—

- (i) TINGIDES Amyot & Serville, 1843 ;
- (ii) TINGIDITES Laporte, 1833 ;
- (iii) TINGIDITES Spinola, 1837 ;

(c) the under-mentioned family-group names for the family-group having *Tingis* Fabricius, 1803, as their respective type genera, being invalid names by reason of their having been formed in a manner inconsistent with the Ruling given in *Opinion* 143 (Name Nos. 5 to 14 respectively) :—

- (i) TINGIDARIA Distant, 1903 ;
- (ii) TINGIDIDAE Fieber, 1861 ;
- (iii) TINGIDIDEA Flor, 1860 ;
- (iv) TINGIDINA Douglas & Scott, 1865 ;
- (v) TINGIDINAE Van Duzee, 1917 ;
- (vi) TINGIIDAE Baker (A.C.), 1922 ;
- (vii) TINGITARIA Stål, 1873 ;
- (viii) TINGITIDAE Stål, 1873 ;
- (ix) TINGITINA Stål, 1873 ;
- (x) TINGITINI Champion, 1897 ;

(d) the under-mentioned family-group name for the family-group having *Tingis* Fabricius, 1803, as its type genus, being an invalid name by reason of being an Invalid Original Spelling (Name No. 15) :—TINGINI Costa (A.), 1838 ;

(e) the under-mentioned family-group names for the family-group having *Tingis* Fabricius, 1803, as their respective type genera, being invalid names by reason of being junior homonyms of TINGIDAE (emend. of TINGINI) Costa (A.), 1838 (Name Nos. 16 and 17 respectively) :—

- (i) TINGIDAE Westwood, 1840 ;
- (ii) TINGIDAE Dohrn, 1859.

I.—THE STATEMENT OF THE CASE

On 12th June 1954, Mr. Francis Hemming, as Secretary to the International Commission on Zoological Nomenclature, executed a Minute (a) recalling that under the Regulations governing the *Official List of Family-Group Names in Zoology* and the corresponding *Official Index of Rejected and Invalid Family-Group Names in Zoology*, the name of any taxon belonging to that group having as its type genus a genus, the name of which has been placed upon the *Official List of Generic Names in Zoology* or upon the *Official Index of Rejected and Invalid Generic Names in Zoology* is to be placed upon the *Official List of Family-Group Names in Zoology* or, as the case may be, upon the corresponding *Official Index of Rejected and Invalid Family-Group Names in Zoology*, (b) stating that bibliographical and other difficulties had been encountered in preparing the Ruling necessary to give effect to certain decisions taken by the Commission in its vote on Voting Paper V.P.(O.M.)(54)4 in relation to the family-group names for taxa belonging to this group having *Merops* Linnaeus, 1758, *Merope* Newman, 1838, and *Tingis* Fabricius, 1803, as their respective type genera, (c) expressing the opinion that it was undesirable that the decision of the Commission on the numerous other matters covered by the foregoing Voting Paper should be postponed until the difficulties referred to above had been resolved, and (d) accordingly directing that, pending the further consideration by the International Commission of the family-group names referred to in (b) above, no entries in relation to those names be made either in the *Official List* or in the *Official Index*. The text of the Minute by Mr. Hemming summarised above has been published in *Direction 4* (: 648—649), the *Direction* embodying the decision taken by the Commission on the proposals dealt with in the Voting Paper referred to above (Voting Paper V.P.(O.M.)(54)4).

2. The further consultations in regard to the family-group names referred to in the preceding paragraph were concluded by the end of June 1954 and on 2nd July 1954, Mr. Hemming laid

before the Commission the following paper explaining the investigations which he had carried out in this matter and submitting proposals for dealing with the names in question :—

Addition of certain family-group names dealt with in "Opinions" 140 and 143 to the "Official List of Family-Group Names in Zoology" and to the "Official Index of Rejected and Invalid Family-Group Names in Zoology" respectively

By FRANCIS HEMMING, C.M.G., C.B.E.,
Secretary to the International Commission on Zoological Nomenclature

(Statement dated 2nd July 1954)

Included among the proposals for the codification of the Rulings given in *Opinions* 134 to 160, exclusive of *Opinion* 149, which I submitted to the Commission on 5th April last with Voting Paper V.P.(O.M.)(54)4 were proposals for codifying the decisions taken in *Opinion* 140 and *Opinion* 143 relating respectively to the family names based upon the generic names *Merops* Linnaeus, 1758 (Class Aves) and *Merope* Newman, 1838, (Class Insecta, Order Mecoptera) and upon the generic name *Tingis* Fabricius, 1803, (Class Insecta, Order Hemiptera).

2. When I came to prepare the detailed Ruling required to give effect to the vote on the foregoing Voting Paper, I found that the *Opinions* concerned did not contain references to the places where the family-group names in question had first been published. I accordingly sought the help of specialists in the groups concerned. The specialists whom I so consulted were :—(1) for MEROPIIDAE : Professor Ernst Mayr ; Colonel R. Meinertzhagen ; (2) for MEROPEIDAE : Mr. N. D. Riley ; Mr. D. E. Kimmins ; (3) for TINGIDAE : Dr. W. E. China. For the reasons explained in Paper No. Z.N.(S.) 844¹ relating to Voting Paper V.P.(O.M.)(54)11, which s being submitted to the Commission simultaneously with the present paper, it was found by the specialist consultants that in many cases it was a matter of great difficulty to trace the place where a given family-group name was first published and that, when a reference had been found, it was not possible to be certain that that reference was in fact a reference to the place where the name in question first appeared in the literature, however carefully the literature was searched. It was found also that the tracking-down of references for family-group names is an extremely laborious and time-consuming process. The grateful thanks of the Commission are due to the specialists who were so kind as to give their valuable time to searching for the references for the family-group names dealt with in the foregoing *Opinions*.

¹ The paper here referred to is reproduced in paragraph 2 of *Declaration* 18 (1954, *Ops. Decls. int. Comm. zool. Nomencl.* 6 : i—xx).

3. The Prescribed Voting Period for Voting Paper V.P.(O.M.)(54)4, the Voting Paper containing, *inter alia*, proposals for codifying the family-group names dealt with in *Opinions* 140 and 143 expired on 5th May 1954, but by the second week in June it had still not been possible to trace all the essential bibliographical references for the family-group names in question. Accordingly, on 12th June, 1954, I executed a Minute on File Z.N.(G.) 67, in which I, first, directed that the proposals relating to the codification of the Rulings in regard to family-group names given in the foregoing *Opinions* should be withdrawn for further examination, and, second, completed the *Direction* required to give effect to the vote taken by the Commission on the foregoing Voting Paper, other than that in respect of the questions which had been temporarily withdrawn. The effect of the decision given in the foregoing Minute was to permit the immediate despatch to the printer of the *Direction* referred to above (*Direction* 4²), while at the same time clearing the ground for the present re-submission to the Commission of proposals relating to the reserved question relating to the family-group names dealt with in *Opinions* 140 and 143.

4. I now submit revised proposals for the codification of the Rulings in regard to family-group names given in the foregoing *Opinions*. The proposals in question are set out in the Annexe to the present note. It will be noted (1) that a bibliographical reference (author, date, and place of publication) has now been added in respect of each name, and (2) that proposals have been included for the addition to the *Official Index of Rejected and Invalid Family-Group Names in Zoology* (a) of the name MEROPIDAE Tillyard, 1919, rejected in favour of MEROPEIDAE by the Ruling given in *Opinion* 140 and (b) of the numerous variant forms for the family-group name TINGIDAE which, without being listed, were rejected by the Commission by the Ruling given in *Opinion* 143. It was by inadvertence only that proposals on this last-named subject were not included in the recommendation submitted with Voting Paper V.P.(O.M.)(54)4.

5. Of the proposals now submitted, the only one which calls for any explanation is that in relation to the name TINGIDAE and its variants. First, it has to be noted that the two³ first family-group names to be published with the genus *Tingis* Fabricius, 1803, as the type genus of the nominal family-group so established were both French vernacular names. These were the names TINGIDITES Laporte, 1833, and TINGIDITES Spinola, 1837 (not "1840", as commonly, though incorrectly, stated, this latter date being that of the second edition of Spinola's *Essai*). Under the Copenhagen decisions (1953, *Copenhagen Decisions*

² *Direction* 4 was published in October 1954 (*Ops. Decls. int. Comm. zool. Nomencl.* 2 : 629—652).

³ Later, Commissioner Jaczewski pointed out that the name TINGIDES Amyot & Serville, 1843, was also a vernacular word and not a Latinised word (see paragraph 8 of the present *Direction*). It has accordingly so been recorded in the present *Direction* (see paragraph 4 of the Minute by the Secretary reproduced in paragraph 11 of the present *Direction*).

zool. Nomencl. : 35—36, Decision 53), the foregoing names are ineligible for consideration, since they are vernacular words and not Latinised words and their acceptance is not necessary in the interest of maintaining stability in the nomenclature of the group concerned. The third and next family-group name based upon the name *Tingis* Fabricius, 1803, was published in 1838. This was TINGINI Costa, 1838, a name published for a taxon of family rank. It was not until 1840 that the name was published by Westwood in the form TINGIDAE, the form approved by the Commission in *Opinion* 143. Westwood cited a number of synonyms, among them, TINGIDITES Laporte, 1833, but expressly treated himself as the author of this name (citing it as "TINGIDAE Westw."). He did not refer to TINGINI Costa. Under the decision by the Copenhagen Congress that the relative status of family-group names is to be determined by the principle of priority and that, where a name of Greek or Latin origin is incorrectly formed, it is to be emended, the family-group here under consideration ranks for the purposes of priority from 1838 and not from 1840 and is attributable to Costa and not to Westwood. Proposals for the form of notation to be adopted in making entries on either the *Official List* or the *Official Index* of family-group names in a case such as the present have been submitted as Point (2) of the four proposals placed before the Commission in Voting Paper V.P.(O.M.)(54)11⁴ submitted simultaneously with the present proposals.

ANNEXE

**Draft of a "Direction" for the codification of certain
family-group names dealt with in "Opinion"
140 and "Opinion" 143**

OPINION 140 : (1) † The following names to be placed on the *Official List of Family-Group Names in Zoology*:—

- (a) MEROPIDAE Lesson, [1830], *Traité d'Ornith.* : 236 (type genus : *Merops* Linnaeus, 1758) (form of family-name approved in *Opinion* 140)
- (b) MEROPEIDAE (emend. of MEROPIDAE made by Ruling given in *Opinion* 140) Tillyard, 1919, *Proc. linn. Soc. N.S.W.* **44** : 603 (type genus : *Merope* Newman, 1838).

(2) The following name to be placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology*: MEROPIDAE Tillyard, 1919, *Proc. linn. Soc. N.S.W.* **44** : 603 (type genus : *Merope* Newman, 1838) (an Invalid Original Spelling rejected in favour of MEROPEIDAE by the Ruling given in *Opinion* 140).

OPINION 143 : (1) The following name to be placed on the *Official List of Family-Group Names in Zoology*: TINGIDAE (emend. of TINGINI made by Ruling given in *Opinion* 143) Costa (A.), 1838, *Cimicum*

⁴ The decision taken by the Commission on Voting Paper V.P.(O.M.)(54)11 has been given in *Declaration* 18. See footnote 1.

Regni Neap. Centuria prima : 18 (name given to a family) (type genus : *Tingis* Fabricius, 1803) (first published in the form TINGIDAE by Westwood, 1840 (*Introd. mod. Class Ins.* 2 Syn. : 120), by whom this was treated as a new name).

(3) The following names, each having *Tingis* Fabricius, 1803, as the type genus of the family-group so named, to be placed on the *Official Index of Rejected Family-Group Names in Zoology*:—

- (a) TINGIDITES Laporte, 1833, *Mag. Zool.* 2 (Suppl.) : 4—47* (name given to a family) (invalid because a vernacular (French) word and not a Latinised word)
- (b) TINGIDITES Spinola, 1837, *Essai Ins. Hémipt.* : 68 (name given to a family) (invalid because a vernacular (French) word and not a Latinised word)

Notes:—(1) Spinola's work is often incorrectly treated as having been published in 1840. This is the date of publication of the second edition of Spinola's *Essai*, the first edition of which was published in 1837. (2) There is nothing whatever in Spinola's *Essai* to suggest that the name TINGIDITES, as there published, was anything but a new name.

- (c) the following names, each of which is a junior objective synonym of TINGIDAE (emend. of TINGINI) Costa, 1838 :—
 - (i) TINGIDARIA Distant, 1903, *Faun. Brit. Ind.*, Rhyng. 2 : 130 (name given to a tribe)
 - (ii) TINGIDES Amyot & Serville, 1843, *Hist. nat. Ins. Hémipt.* : 295 (name given to a family)
 - (iii) TINGIDINA Douglas & Scott, 1865, *Brit. Hemipt.* 1 Heteropt. : 23 (name given to a superfamily)
 - (iv) TINGIDINAE Van Duzee, 1917, *Univ. Calif. Publ. Ent.* 2 : 211† (name given to a subfamily)
 - (v) TINGIDAE Baker (A.C.), 1922, *Science* 55 (1456) : 603 (an Invalid Emendation of TINGIDAE Westwood, 1840)
 - (vi) TINGINI Costa (A.), 1838, *Cimicum Regni Neap. Centuria prima* : 18 (an Invalid Original Spelling emended to TINGIDAE by Ruling given in *Opinion* 143)
 - (vii) TINGITARIA Stål, 1873, *K. Svensk. Vet.-Akad. Handl.*, Stockholm 11 (No. 2) : 118 (name given to a tribe)
 - (viii) TINGITIDAE Stål, 1873, *K. Svensk. Vet.-Akad. Handl.*, Stockholm 11 (No. 2) : 115

* The paper in which this name was first published is frequently cited under its title as "*Essai Class. Syst. Hémipt.*" instead of under the serial in which it was published.

† The whole of the volume in question was devoted to the *Catalogue of Hemiptera of America North of Mexico*.

- (ix) TINGITINA Stål, 1873, *K. Svensk. Vet.-Akad. Handl.*, Stockholm **11** (No. 2) : 116 (name given to a sub-family)
- (x) TINGITINI Champion, 1897, *Biol. centr.-amer.*, Heteropt. **2** : 5 (name given to a tribe).

3. *Registration of the present application:* On receipt, the present application was allotted the Registered Number Z.N.(G.) 67/6.

II.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

4. *Issue of Voting Paper V.P.(O.M.)(54)12 :* Concurrently with the submission to the Commission of the Draft *Direction* given in the Annexe to the note numbered Z.N.(G.) 67/6 by the Secretary reproduced in paragraph 2 above, a Call for a Vote, numbered Voting Paper V.P.(O.M.)(54)12, was issued on 2nd July 1954 under the One-Month Rule. In this Voting Paper each Member of the Commission was asked to state (1) whether he agreed that “ in conformity with the General Directive relating to the recording on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books taken by the Commission prior to 1948, issued to the International Commission on Zoological Nomenclature by the Thirteenth International Congress of Zoology, Paris, 1948, the entries recording such decisions taken in relation to family-group names in *Opinions* 140 and 143 specified in the draft *Direction* annexed to the statement submitted by the Secretary simultaneously with the present Voting Paper, should be made, as proposed, in the *Official List*, and in the *Official Index* of Family-Group Names ”, and (2) if he did not so agree as regards any given item, to indicate the item concerned.

5. *The Prescribed Voting Period:* As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period was due to close on 2nd August 1954. In view, however, of doubts which arose on the question whether two Members of the Commission (Bradley (J.C.) ; Dymond) had duly received the Voting Papers issued to them, the Secretary gave directions on

2nd August, 1954 that the Voting Period should be extended for a period sufficient to enable the Commissioners concerned to record their Votes on the duplicate Voting Papers then issued to them. Ultimately, the Voting Period in this case was closed on 11th September 1954.

6. *Comment received from Commissioner L. B. Holthuis:* On 3rd July 1954, Commissioner L. B. Holthuis addressed a letter, reproduced as Document 1 in the Annexe to the present *Direction*, raising objection to the placing on the *Official Index of Rejected and Invalid Names* of certain of the names so proposed to be placed. On 16th July 1954, the Secretary replied expressing the view that these objections were based upon a misunderstanding of the reasons on account of which the proposals in question had been put forward (Annexe, Document 2) and further explaining those proposals. Dr. Holthuis replied on 21st July 1954 giving reasons why he felt bound to adhere to the view expressed in his earlier letter (Annexe, Document 3). On 22nd July 1954, Mr. Hemming wrote, taking note of Dr. Holthuis's position in this matter (Annexe, Document 4).

7. *Comment received from Commissioner Harold E. Vokes:* On 7th July 1954, Commissioner Harold E. Vokes returned his completed Voting Paper, on which, after voting against the proposals submitted as (iii) (TINGIDINA) and (iv) (TINGIDINAE) in paragraph (2)(c) of the draft annexed to the Secretary's paper of 2nd July 1954, he added the following note: "I do not wish to suppress super-family or subfamily names as objective synonyms of family names". In acknowledging receipt (on 23rd July) of Commissioner Vokes's Voting Paper, the Secretary drew attention to the fact that the proposal submitted in regard to the names cited by Commissioner Vokes was not that they should be suppressed as objective synonyms of the family name TINGIDAE but that they should be rejected, and therefore placed on the *Official Index*, by reason of the fact that they were formed in a manner which was inconsistent with the Ruling given in *Opinion* 143 that at the family-name level the correct formation of the family-group name for the taxon based on the genus *Tingis* Fabricius, 1803 was TINGIDAE and therefore that the two names in question were incorrectly formed.

8. *Comment received from Commissioner T. Jaczewski:* On 17th July 1954, Commissioner T. Jaczewski, when returning his

completed Voting Paper, drew attention to two further family-group names based upon the generic name *Tingis* Fabricius, 1803, which he suggested should be placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* at the same time as the names enumerated in paragraph (2) of the draft annexed to the Secretary's paper of 2nd July 1954 (reproduced in paragraph 2 of the present *Direction*):—

The list of junior objective synonyms to be rejected should be completed by the following entry: TINGIDIDÆ Fieber (F.X.), 1861, *Europ. Hemipt.*: 24, 35, 116, this entry to be inserted between Entry (ii) and Entry (iii). This seems to be the oldest of that form of the name which I have been able to trace. In Flor (G.), 1860 (*Rhynchoten Livlands* 1: 65, 317) I find still another form of the name, namely, TINGIDIDEA Fieber, but I am unable to find the corresponding publication of Fieber. In Entry (ii) the name was given by Amyot et Serville not to a Family but to a "group". Moreover, it was treated as a vernacular French word, as is clearly evident when we compare the spelling of the name of the same level on page 303, namely, *Brachyryquides*.

9. *Particulars of the Voting on Voting Paper V.P.(O.M.)(54)12*: The state of the voting on Voting Paper V.P.(O.M.)(54)12 at the close of the Prescribed Voting Period was as follows:—

(a) *Affirmative Votes had been received from the following eighteen (18) Commissioners (arranged in the order in which Votes were received):*

Holthuis (save as respects the six items specified in (b) below); Hering; Vokes (save as respects the two items specified in (b) below); Cabrera; Esaki; Lemche; Hemming; Stoll; Sylvester-Bradley; Pearson; do Amaral; Mertens; Jaczewski; Bonnet; Boschma (save as respects the three items specified in (b) below); Riley; Bradley (J.C.); Dymond;

(b) *Negative Votes had been given by the following three (3) Commissioners in respect of the items severally specified below;*

Holthuis, in respect of the names TINGIDARIA, TINGIDES, TINGIDINA, TINGITARIA, TINGITINA, TINGITINI; Vokes in

respect of the names TINGIDARIA and TINGITARIA ;
Boschma in respect of the names TINGIDARIA, TINGI-
TARIA and TINGITINI⁵;

(c) *Voting Paper not returned, one (1) :*

Hankó.

10. Declaration of Result of Vote: On 11th September 1954, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(54)12, signed a Certificate that the Votes cast were as set out in paragraph 9 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

11. Supplementary Decisions on certain points: On 11th September 1954, Mr. Francis Hemming, as Secretary to the International Commission, reviewed the comments received from Professor Jaczewski during the Voting Period and the other material available in regard to the present case, and in the light of this review executed the following Minute giving a Supplementary Direction in regard to certain matters arising out of the foregoing review :—

**Family-Group Names based upon the generic name
“Tingis” Fabricius, 1803 : Supplementary Direction**

MINUTE dated 11th September 1954

by FRANCIS HEMMING, C.M.G., C.B.E.,

Secretary to the International Commission on Zoological Nomenclature

In his Minute dated 17th July 1954, Commissioner T. Jaczewski has drawn attention to two invalid forms of the family-group name for the

⁵ In notifying his reservation on the proposals submitted, Commissioner Boschma endorsed his Voting Paper as follows :—“ except the names for Tingidae established for tribes”. Three names so established had been cited in the paper containing the proposals submitted for decision in Voting Paper V.P.(O.M.)(54)12, and these names have accordingly been entered in the present paragraph as having been voted against by Commissioner Boschma.

taxon of that group having the genus *Tingis* Fabricius, 1803, as its type species, namely (a) TINGIDIDAE Fieber (F.X.), 1861 ; (b) TINGIDIDEA Flor (G.), 1860, this name being attributed by Flor to Fieber. Commissioner Jaczewski has, however, been unable to trace any paper by Fieber containing this name, which must therefore be treated as having been a manuscript name of Fieber's at the time when it was published by Flor in 1860 or perhaps as a misprint for Fieber's name TINGIDIDAE at that time still a manuscript name.

2. In the same Minute, Commissioner Jaczewski (a) drew attention to the name TINGIDES Amyot & Serville, 1843, which had been entered (as Item (2) (c) (ii)) in the list of invalid forms of the family-group name for the taxon based upon the genus *Tingis* Fabricius, 1803, which it had been recommended in the Draft *Direction* set out in the Annexe to my paper Z.N.(G.) 67/6 of 2nd July 1954 should be placed upon the *Official Index of Rejected and Invalid Family-Group Names in Zoology*, and (b) furnished evidence to show that, in addition to being invalid as being formed in a manner inconsistent with the Ruling given in *Opinion* 143 (as had been pointed out in the paper referred to above), the name TINGIDES Amyot & Serville, 1843, was invalid by reason of having been published as a vernacular French word and not as a Latinised word.

3. In reviewing the material relating to the present case in preparation of the Ruling to be prepared for the forthcoming *Direction*, I have observed, with reference to the name TINGIDAE as published independently by Westwood in 1840 and by Dohrn in 1859, to which attention had been drawn by Dr. W. E. China (*British Museum (Natural History)*, London) in the letter dated 3rd June 1954, in which he had furnished the information which formed the basis of the proposals in relation to *Opinion* 143 included in the Draft *Direction* annexed to my Paper of 2nd July 1954, that when I had omitted the foregoing names in compiling the list of invalidly formed family-group names based on the genus *Tingis* Fabricius, 1803, to be recommended for addition to the *Official Index of Rejected and Invalid Family-Group Names in Zoology*, I had by some inadvertence omitted to add the further recommendation that the names TINGIDAE Westwood, 1840, and TINGIDAE Dohrn, 1859, being junior homonyms of the name TINGIDAE (emend. of TINGINI) Costa, 1838, should on that account be placed on the *Official Index* referred to above, as is required under the General Directive issued to the Commission by the International Congress of Zoology that Rulings given by it are in any given case to cover the whole field involved in that case.

4. In the circumstances described above, I now, acting as Secretary to the International Commission, hereby direct that in the Ruling to be given in the present case :—(1) the names TINGIDIDEA Flor, 1860, and TINGIDIDAE Fieber (F.X.), 1861, be included among the invalidly formed family-group names for the taxon based upon the genus

Tingis Fabricius, 1803, to be entered upon the *Official Index of Rejected and Invalid Family-Group Names in Zoology*; (2) the name TINGIDES Amyot & Serville, 1843, previously proposed to be entered on the foregoing *Official Index* as an invalidly formed family-group name for the taxon based upon the genus *Tingis* Fabricius, 1803, be entered upon the said *Official Index* as being an invalid name by reason of its being a vernacular French word and not a Latinised word; (3) the names TINGIDAE Westwood, 1840, and TINGIDAE Dohrn, 1859, being junior homonyms of the name TINGIDAE (emend. of TINGINI) Costa, 1838, be entered as such upon the *Official Index of Rejected and Invalid Family-Group Names in Zoology*.

12. On 12th September 1954, Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(54)12, subject to the amplifications specified in the Supplementary *Direction* given in his Minute dated 11th September 1954 (reproduced in paragraph 11 of the present *Direction*).

13. The following are the original references for the family-group names placed on the *Official List* and *Official Index* for such names by the Ruling given in the present *Direction*:—

MEROPEIDAE (emend. of MEROPIDAE made by the Ruling given in *Opinion* 143) Tillyard, 1919, *Proc. linn. Soc. N.S.W.* **44** : 603

MEROPIDAE Lesson, [1830], *Traité d'Ornith.* : 236

MEROPIDAE Tillyard, 1919, *Proc. linn. Soc. N.S.W.* **44** : 603

TINGIDAE (emend. of TINGINI) Costa (A.), 1838, *Cimicum Regni Neap. Centuria prima* : 18

TINGIDAE Westwood, 1840, *Introd. mod. Class. Ins.* **2** : 120

TINGIDAE Dohrn, 1859, *Cat. Hemipt.*, Stettin : 42

TINGIDARIA Distant, 1903, *Faun. Brit. Ind.*, Rhynch. **2** : 130

TINGIDES Amyot & Serville, 1843, *Hist. nat. Ins. Hémipt.* : 295

TINGIDIDAE Fieber (F.X.), 1861, *Europ. Hemipt.* : 24, 35, 116

TINGIDIDEA Flor (G.), 1860, *Rhynchoten Livlands* **1** : 65, 317

TINGIDINA Douglas & Scott, *Brit. Hemipt.* **1** Heteropt. : 23

- TINGIDINAE Van Duzee, 1917, *Univ. Calif. Publ. Ent.* **2** : 211
(commonly cited under the title of Van Duzee's paper as
"Cat. Hemipt. Amer. N. of Mexico")
- TINGIDITES Laporte, 1833, *Mag. Zool.* **2** (Suppl.) : 4—47 (com-
monly cited under the title of Laporte's paper as "*Essai*
Class. Syst. Hémipt.")
- TINGIDITES Spinola, 1837, *Essai Ins. Hémipt.* : 68
- TINGIIDAE Baker (A.C.), 1922, *Science* **55** (1456) : 603
- TINGINI Costa (A.), 1838, *Cimicum Regni Neap. Centuria prima* : 18
- TINGITARIA Stål, 1873, *K. Svensk. Vet.-Akad. Handl.*, Stockholm
11 (No. 2) : 118 (commonly cited as vol. 3 of Stål's "*Enum.*
Hemipt.")
- TINGITIDAE Stål, 1873, *K. Svensk. Vet.-Akad. Handl.*, Stockholm
11 (No. 2) : 115
- TINGITINA Stål, 1873, *K. Svensk. Vet.-Akad. Handl.*, Stockholm
11 (No. 2) : 116
- TINGITINI Champion, 1897, *Biol. centr-amer.*, Heteropt. **2** : 5

14. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

15. The present *Direction* shall be known as *Direction Six* (6) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Second day of September 1954,
Nineteen Hundred and Fifty-Four.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING

ANNEXE

Correspondence between Mr. Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, and Dr. L. B. Holthuis (Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands) in regard to the proposed rejection of certain incorrectly-formed family-group names based upon the generic name "Tingis" Fabricius, 1803

DOCUMENT 1

Letter, dated 3rd July 1954, from Dr. L. B. Holthuis to Mr. Francis Hemming

*Family group names of "Opinions" 140 and 143
on the "Official List"*

I agree with the Draft Direction annexed to Voting Paper V.P.(O.M.)(54)12, except for the fact that I cannot see the use of having the names TINGIDARIA, TINGIDES, TINGIDINA, TINGITARIA, TINGITINA and TINGITINI placed on the *Official Index*. It seems to me that, since the Copenhagen Congress decided that no endings are prescribed for the units of the Family-Group other than the family and subfamily, these just cited names potentially are available for tribes, superfamilies etc. To place these names on the *Index* would preclude their use, quite unnecessary, for these categories of the family-group, which seems not right to me. My objection does not cover the names TINGIDINAE, TINGIIDAE, and TINGITIDAE, as these end in -inae or -idae and thus cannot be used but for subfamilies and families. The name TINGINI Costa, which is the unemended form of the emended and officially recognised name TINGIDAE, should, I believe be inserted in the *Index* with the express statement that this name cannot be used for a family or subfamily name, but that it is available as a name for other units within the family-group. This same procedure, of course, could be applied to the names TINGIDARIA, TINGIDES, TINGIDINA, TINGITARIA, TINGITINA and TINGITINI, but it seems more reasonable to leave these out altogether.

DOCUMENT 2

Letter, dated 16th July 1954, from Mr. Francis Hemming
Dr. L. B. Holthuis

*Incorrect variant forms of family-group names based on the
generic name "Tingis" Fabricius*

I am writing to you on this subject because it is, I think, clear from your letter of 3rd July that I did not succeed in making the meaning of my proposal sufficiently clear ; in consequence your vote in favour of excluding from the *Official Index* certain of the names which I had proposed should be added thereto.

(1) The name TINGIDES is a name given to a *family* as such and the objections raised in your letter do not therefore apply to it. I think therefore that it must have been included in your reservation by some accident.

(2) Two of the other names on your list—TINGIDINA and TINGITINA—were given to *subfamilies* as such, and, as the Congress has laid down a definite method for forming subfamily names, these names also fall outside the scope of your argument.

(3) I quite agree that the Congress has not at present agreed upon terminations for any categories in the family-group other than families and subfamilies, but I suggest that for the present purpose this is not relevant. What is relevant—and what seems to me to be the only thing that is relevant in the present context—is whether each of the family-group names with which we are here concerned is formed in such a way that, if the termination is left out of account, the name is formed in accordance with the Ruling given by the Commission in *Opinion* 143. To take an example, the question which we have to ask ourselves is whether a tribe name formed with the termination “-aria” and thus giving the name TINGIDARIA could possibly also give a family name TINGIDAE, the form for the name of this family prescribed in *Opinion* 143? The answer to this question is clearly “no” because the insertion of the letters “id” after the letter “g” and before the termination “-aria” clearly means that in the opinion of the author concerned the basic portion of the generic name is “tingid-” and not “ting-” and in consequence the name for a family in a group, of which the tribe was called TINGIDARIA would inevitably be TINGIDIDAE and not TINGIDAE. In other words, the tribe name TINGIDARIA is an incorrectly formed name, quite irrespective of the termination used, and ought therefore, as such, to be placed on the *Official Index*. Exactly similar considerations apply to the other incorrectly formed tribe names cited in your letter, namely, TINGITARIA and TINGITINI (both

of which would give the family name TINGITIDAE instead of TINGIDAE) and the two subfamily names mentioned in your letter, namely, TINGIDINA and TINGITINA, which would give the family names TINGIDIDAE and TINGITIDAE respectively. The other name, as has already been noted, that you mentioned in your letter, namely, TINGIDES, is merely an incorrectly formed version of the family name TINGIDAE.

DOCUMENT 3

**Letter, dated 21st July 1954 from Dr. L. B. Holthuis
to Mr. Francis Hemming**

Family-Group names based on "Tingis"

Thank you for your letter of July 16 on this subject. The points which you raise in it will be answered here in the same order.

(1) TINGIDES. I fully agree with you that this name cannot be used for a family, and if the *Official Index* was one of Family (and Subfamily) names only, I would have had no objection at all against inserting it in that *Index*. But since the possibility exists that in the family-group containing the family TINGIDAE a category will be named TINGIDES, I do not believe it advisable to place the name TINGIDES (even if it originally was proposed for a family) on the *Official Index of Family-Group Names in Zoology*. As I wrote in my previous letter, I am willing to vote for the insertion in the *Index* of this name (and of those mentioned under (2) and (3) below) if it is made sufficiently clear that they only are rejected as names for families (and subfamilies) and that they are available for other categories in the family-group.

(2) Exactly the same applies to TINGIDINA and TINGITINA.

(3) The names TINGIDARIA, TINGITARIA, and TINGITINI are rejected by you since they are formed of the basic portion Tingid- or Tingit- with the ending -aria or -ini. I do not see why these names could not have been formed of the basic portion Ting- and the endings -idaria, -itaria or -itini. (Would it not be nice to have a tribe TINGIDARIA with a subtribe TINGINARIA, similar to the family name TINGIDAE and the subfamily name TINGINAE?) Since the endings of tribes etc. are not prescribed by the Congress, I suppose that they can have any form, including those of -idaria, -itaria, and -itini.

I have carefully considered this question, but as yet I see no reason to change my vote.

DOCUMENT 4

Extract from letter, dated 22nd July 1954, from Mr. Francis Hemming to Dr. L. B. Holthuis

“*Tingis*”: family-group names

Your letter of 21st July. I note that you wish your earlier vote to stand in this matter. I will record your vote accordingly. Speaking personally, I think that it is a pity, for no-one can seriously suppose that anyone has ever published a family-group name with a termination beginning with the letter “d”. Still less is there any chance that anyone will propose the adoption of terminations so formed or that, if anyone did so, such a proposal would secure any support. There is, in my opinion, no room for doubt that the spellings in question in the present case are anything more than misspellings due to the authors concerned having formed those names in a manner inconsistent with the Ruling given by the Commission in *Opinion* 143 that at the family-name level the name belonging to the family-group based on the generic name *Tingis* Fabricius is to be spelled TINGIDAE.